

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard

GENERAL INFORMATION:

Name: Blue Grass Army Depot
Address: 2091 Kingston Highway, Richmond, KY 40475-5060
Date application received: May 23, 2006
SIC/Source description: 9711/National Security
Source ID #: 21-151-00013
Source A.I. #: 2805
Activity #: APE20060002
Permit #: V-05-020 (Revision 1)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
___Administrative	<input checked="" type="checkbox"/> Title V
<u>x</u> Minor	<input checked="" type="checkbox"/> Synthetic minor
___Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☐ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	7.65	160.73	160.73
SO ₂	0.33	12.45	12.45
NO _x	10.91	181.38	225
CO	10.05	301.67	225
VOC	5.13	1512.70	90
Lead	0	0.00619	0.00619
HAPs by CAS No.			
Ethyl Benzene (100-41-4)	0.513	41.95	9.0
Ethylene Glycol (107-21-1)	0.0005	20.00	9.0
Glycol Ether (111-46-6)	0.043	46.28	9.0
Methyl Isobutyl Ketone (108-10-1)	1.22	54.10	9.0
Toluene (108-88-3)	1.08	94.22	9.0
Xylenes (1330-20-7)	0.88	125.83	9.0
Combined HAPs	4.59	382.38	22.5

Note: Methyl Ethyl Ketone (CAS No. 78-93-3) was removed from the HAP list contained in Section 112 of the Clean Air Act (CAA) effective December 19, 2005 (FR Vol. 70, No. 242) 2-Butoxyethanol (CAS No. 111-76-2) was removed from HAP list, specifically the Glycol Ethers group in Section 112 (b)(1) of the CAA effective November 29, 2004 (FR Vol. 69, No. 228)

SOURCE PROCESS DESCRIPTION:

See Statement of Basis.

EMISSION AND OPERATING CAPS DESCRIPTION:

The source is subject to an emission cap of 90.0 tons per year for VOC, 9.0 tons per year for single HAP, 22.5 tons per year for combined HAP, 225.0 tons per year for CO and 225.0 tons per year for NO_x. By taking these limits the source will preclude the applicability of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subpart GG (Aerospace Manufacturing and Rework Facilities), 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subpart DDDDD (Industrial, Commercial, and Institutional Boilers and Process Heaters), and 401 KAR 51:017; Prevention of significant deterioration of air quality.

OPERATIONAL FLEXIBILITY:

Not Applicable.